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**Queensland
Government**

**GEOTECHNICAL
AUGERHOLE LOG**

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **AH17**

Sheet 1 of 1

REFERENCE No **H12183**

| | | | | | |
|------------|---------------------------------------------|----------------|------------|------------|-------------------------|
| PROJECT | Ipswich Motorway Upgrade - Rocklea to Darra | | | | |
| LOCATION | Retaining Wall | COORDINATES | | | 498271.8 E; 6950877.5 N |
| PROJECT No | FG6202 | SURFACE RL | 4.01m | PLUNGE | 90° |
| | | DATE STARTED | 08/05/2015 | GRID DATUM | MGA94 Z56 |
| JOB No | 201/416/003 | HEIGHT DATUM | AHD | BEARING | ° |
| | | DATE COMPLETED | 08/05/2015 | DRILLER | North Coast |

| DEPTH (m) | R.L. (m) | SAMPLE | MATERIAL DESCRIPTION | LITHOLOGY | USCS WEATHERING | ADDITIONAL DATA AND TEST RESULTS | SAMPLES TESTS | |
|-----------|----------|--------|----------------------------------------------------------------------------------|-----------|-----------------|----------------------------------|---------------|--|
| | 3.86 | | BITUMINOUS MATERIALS | | | | | |
| | 3.61 | | Sandy Clayey GRAVEL (Fill) | | (GC) | | | |
| | | A | Brown, moist, loose to medium dense. Fine to coarse gravel, coarse grained sand. | | | 1, 1, 1 N=2 | SPT | |
| 1 | | | Sandy CLAY (Fill) | | (CH) | | | |
| | | | Grey brown moist, very soft . High plasticity, minor fine gravel. | | | | | |
| | 2.61 | | Silty SAND (Fill) | | (SM) | 17, 7, 4 N=11 | SPT | |
| | 2.21 | B | Pale brown, moist, loose to medium dense. Fine to medium grained sand. | | | | | |
| 2 | | | Silty CLAY (Alluvium) | | | | | |
| | | | Dark grey brown, moist, soft-firm High plasticity. | | | | | |
| | | C | Colour changed to pale grey brown. | | | 1, 2, 2 N=4 | SPT | |
| 3 | | | | | (CH) | | | |
| | | D | | | | 1, 1, 2 N=3 | SPT | |
| 4 | | | Colour changed to pale grey brown red mottled, becoming stiff. | | | | | |
| | | E | | | | 2, 4, 5 N=9 | SPT | |
| 5 | -0.94 | | Borehole completed at 4.95m | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |

| | | |
|----------|------------------|--------------------|
| REMARKS: | LOGGED BY | REVIEWED BY |
| | JL/MS | SF |